

L 42-104-62
ACCESSION NR: AP5007788

The following sections will introduce the basic concepts of the *OpenStreetMap* project.

ASSOCIATION. No. 1.

SUBMITTED: 00

SUMMITTED: 00 ENCL: 00 SOV CODE: 00
NO REF SOV: 000 OTHER: 000 ATD PRESS: 323

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757520002-2"

L42077-65

ACCESSION AND APPROVAL

DATE: 11 Oct 61

TITLE: A-c differentiating circuit (USSR, No. 1965)

SOURCE: Byulleten' izobretenij i tavarnykh znakov, no. 7, 1965, 16

TOPIC (AUST): ac differentiating device, three-tinting circuit; servosystem, stabilizatsiya.

ABSTRACT: The proposed a-c differentiating circuit, for the stabilization of servosystems, reacts only to increases in signal amplitude. It contains integrator elements and a three-tinting circuit. The output signal contains three components which are proportional to the rate of change of the input signal.

ASSOCIATION: none

SUBMITTED: 11 Oct 61
NO REF Sov: 000

ENCL: 00
OTHER: 000

SUB CODE: EC 1E
ATD PRESS: 3237

Card # 1/1 (pt)

TURCHENKOV, V.I., master (Volgograd)

Refesigning of the semiclutch of an electric motor.
Energetik 14 no.1:32-33 Ja '66. (MIRA 19:1)

STOROZHENKO, Aleksandr Panteleyevich; SOKOLOV, Vladimir Gennadiyevich;
KOZLOVA, Neonila Petrovna; GUSAROVA, Mariya Afrikanovna;
VORONOV, Kuz'ma Denisovich; KARPOVA, N.N., otv. red.; TURCHENKO,
V.K., otv. red.; GARBER, T.N., red. izd-va; BOLDYREVA, Z.A.,
tekhn. red.

[Maintenance of machines in coal-preparation plants] Ukhod za
mashinami na ugleobogatitel'nykh fabrikakh. Moskva, Gos.
nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 258 p.

(MIRA 15:1)

(Coal preparation—Equipment and supplies)

TURCHENKO, V.K., inzh.

Studying the process of bed separation in a uniflow jig.
Obcg. i brik. ugi. no. 26452-61 '62. (MIRI 17:6)

DUNAYEV, M.N.; TURCHENKO, V.K.; GREBENSHCHIKOV, V.P.; MELIK-
STEPANOVA, A.G.; OL'FERT, A.I., otv. red; PRONINA,
N.D., tekhn. red.

[Preparation, dewatering, and drying of fine coal; survey of
foreign material] Obogashchenie, obezvozhivanie i sushka mel-
kogo uglia; obzor zarubezhnykh materialov. Moskva, TSentr.
in-t tekhn. informatsii, 1962. 77 p. (MIRA 164)
(Coal preparation)

DUNAYEV, Maksim Nikitovich, inzh.; TURCHENKO, Vasiliy Kuz'mich, inzh.;
MELIK-STEPANOVA, Alla Georgiyevna, inzh.; GREBENSHCHIKOV,
Vladimir Petrovich, inzh.; DREMAYLO, P.G., otv.red.; OL'FERT,
A.I., red.izd-va; BOLDYREVA, Z.A., tekhn. red.

[Preparation of unclassified coals]Obogashchenie neklassifi-
tsirovannykh uglei. [By]Dunaev, M.N. i dr. Moskva, Gosgortekh-
izdat, 1963. 181 p.
(Coal preparation) (MIRA 16:3)

DUNAYEV, M.N., inzh.; TURCHENKO, V.K., inzh.

Coal Jigging. Obog. i brik. ugl. no. 21:75-83 '61. (MIRA 16:5)
(Coal preparation) (Separators (Machines))

SKLOVSKAYA, A.A., otv. red.; DREMAYLO, P.G., inzh., zam. otv. red.; KAMINSKIY, V.S., kand. tekhn. nauk, zam. otv. red.; AVETISYAN, A.N., red.; BRILLIANTOV, V.V., kand. tekhn. nauk, red.; GALIGUZOV, N.S., kand. tekhn. nauk, red.; GORLOV, I.P., red.; GREBENSHCHIKOV, V.P., red.; DAVYDKOV, N.I., red.; ZVENIGORODSKIY, G.Z., red.; KARPOVA, N.N., red.; KOZKO, A.I., red.; MARUSEV, P.A., red.; PONOMAREV, I.V., red.; POPUTNIKOV, F.A., red.; SOKOLOVA, M.S., kand. tekhn. nauk, red.; TURCHENKO, V.K., red.; FILIPPOV, V.A., red.; YUSIPOV, A.A., red.; YAGODKINA, T.K., red.; MIRONOVA, T.A., red. izd-va; LOMILINA, L.N., tekhn. red.; MAKSIMOVA, V.V., tekhn. red.

[Technological trends in coal preparation] Tekhnicheskie napravleniya obogashcheniya uglei. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1963. 120 p. (MIRA 16:10)

1. Gosudarstvennyy proyektno-konstruktorskiy i nauchno-issledovatel'skiy institut po obogashcheniyu i briketirovaniyu ugley. 2. Gosudarstvennyy proyektno-konstruktorskiy i nauchno-issledovatel'skiy institut po obogashcheniyu i briketirovaniyu ugley (for Yagodkina, Brilliantov).

(Coal preparation)

L 16148-63

ACCESSION NR: AR3005171

S/0058/63/000/006/H019/H019

45

SOURCE: RZh. Fizika, Abs. 6 Zh120

AUTHORS: Tereshchenko, A. I.; Shevin, A. G.; Turochenko, V. L.

TITLE: Q of anode block of the magnetron type of resonators of elliptic cross section

CITED SOURCE: Uch. zap. Khar'kovsk. un-t, v. 127, 1962, Tr. Radiofiz. fak., v. 6, 43-49

TOPIC TAGS: Magnetron, anode block, intrinsic Q, elliptic cross section

TRANSLATION: An approximate calculation is made of the intrinsic Q of a magnetron block of resonators of elliptic cross section. The stored high-frequency energy and the energy lost in the metal walls, which are contained in the expression for the Q, are calculated with the aid of the high-frequency component of the magnetic field, expressed in terms of Mathieu functions of the first and second kind. Analytic formulas are obtained for the intrinsic Q of a single elliptic resonator and of a block of elliptic resonators with account of the effect of the anode-

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L 16148-63

ACCESSION NR: AR3005171

cathode space. For example, the intrinsic Q calculated from the formulas given in the paper for a system of eight elliptic resonators in eight frequency bands, is equal to 1950. From a comparative table of the values of Q of resonators of different types used in magnetrons it follows that the elliptic resonators have the largest Q. In addition, it is noted that an anode block with elliptic resonators has also larger frequency separation as compared with other resonators (approximately 4.8--5.6% without straps). G. Korostelev.

DATE ACQ: 15Jul63

SUB CODE: GE, SP

ENCL: 00

Card 2/2

TURCHENKO, Vadim Vasil'yevich, polkovnik, kand.voyennnykh nauk;
DUKACHEV, M.P., polkovnik, red.; SLEPTSOVA, Ye.N., tekhn.red.

[Consolidating gains in battle] Zakreplenie uspekha v boiu,
Moskva, Voen.izd-vo M-va obor.SSSR, 1960. 127 p.

(MIRA 14:2)

(Tactics)

TURCHENKOV, V.I.

Annular electronic commutator for switching two-polar constant
voltage. Izm. tekhn. no.1:25-26 Ja '64.

(MIRA 17:11)

21875 - 2000-10-12

AC 100-1000

1000-1000-1000

1000-1000-1000

SO-1000-1000-1000-1000-1000

TOPIC TAGS: transistorized trigger, relay servo

ABSTRACT: A transistorized trigger circuit is described (see Enclosure 1) which includes: resistors R, $-R_s$ intended for summing the input signals, reference voltage, and symmetry voltage, a d-c Schmidt trigger TG driver, phase reversing relay R, actually a switching transistors pair, and a power supply system. Voltage curves (a) and (c) illustrate the functioning of the device. The trigger circuit responds to the phase of a 6.3 v 400-cps supply power. Orig. art. has: 3 figures and 6 formulas.

ASSOCIATION: none

SUBMITTED: 00

SUB CODE: EC

NO REF SOV: 000

ENCL: 01

OTHER: 000

Card 1/2

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APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757520002-2"

TURCHENKOV, V.I., inzh.

Precise stabilization of the amplification factor of an amplifier
and the determination of its failure moment under operating con-
ditions. Priborostroenie no.3:27 Mr '65.

(MIRA 18:4)

TROFIMENKO, N.; SHAKALOV, O.; TURCHENKOVA G.

Chemicalization as a way for increasing the production of grain.
Zemledelie 26 no.9:79 S 164. (MIRA 17:11)

1. Glavnnyy agronom sovkhoza "Gigant" Rostovskoy oblasti (for Trofimenko). 2. Starshiy agronom-polevod sovkhoza "Gigant" Rostovskoy oblasti (for Shakalov). 3. Zaveduyushchaya agrokhimicheskoy laboratoriye sovkhoza "Gigant" Rostovskoy oblasti (for Turchenkova).

SHTYNEUKH, N.V.; TURCHENKOVA, V.Yu.

Electroencephalographic changes in tuberculous meningitis in
children during therapy. Zhur.nevr. i psikh. 56 no.9:725-730
' 56. (MIRA 9:11)

1. Rostovskiy oblastnoy nauchno-issledovatel'skiy pediatricheskiy
institut
(ELECTROENCEPHALOGRAPHY, in various diseases,
thuberc. meningitis in child. during ther. (Rus))
(TUBERCULOSIS, MENINGEAL, in infant and child,
EEG during ther. (Rus))

PHASE I BOOK EXPLOITATION

468

Turchenko, Yakov Ivanovich

Osnovnyye puti razvitiya obshchey, neorganicheskoy i fizicheskoy khimii na Ukraine; XIX st. i pervaya polovina XX st. (Basic Trends in the Development of General, Inorganic and Physical Chemistry in the Ukraine; the 19th Century and First Half of the 20th Century) Kiev, Izd-vo Kievskogo gos. univ-ta, 1957. 433 p. 4,000 copies printed. Sponsoring agencies: Ministerstvo vysshego obrazovaniya UkrSSR and Kievskiy tekhnologicheskiy institut legkoy promyshlennosti. Kafedra neorganicheskoy i analiticheskoy khimii.

Resp. Ed.: Kotov, M. P., Prof.; Ed.: Skvirskaya, M. P.; Tech. Ed.: Khokhanovskaya, T. I.

PURPOSE: The book is intended as a reference book for scientists interested in the history of chemistry.

COVERAGE: Some works pertaining to organic chemistry, analytical chemistry and chemical technology which contributed to the development of general and physical chemistry were included in this book to give full coverage of the history of

Card 1/6

Basic Trends in the Development (Cont.)

468

development of general and physical chemistry in the Ukraine. Scientific works of Soviet and non-Soviet chemists published in 1800-1956 were used as source material. With some exceptions, material up to the second half of the 19th century was used. Brief biographies of the most famous chemists are given in footnotes. Data from books by G. A. Mel'nik, G. S. Al'terzon, etc. were included in the book. There are 760 references, 707 of which are Soviet, 40 German, 6 French, and 7 English.

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F. I. Gize

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40

2. Development of chemistry in the Ukraine in the 1820-1840's.

3. Progress in the development of chemistry at Khar'kov University

50

in the middle of the 19th century. A. I. Khodnev.

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Basic Trends in the Development (Cont.)

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AVAILABLE: Library of Congress

Card 6/6

TM/eag
10/8/58

TURCHENKO, Ya. I.

Translation from: Referativnyy Zhurnal, Metallurgiya, 1957, Nr 1
p. 6 (USSR) 137-1-71

AUTHOR: Turchenko, Ya.I.

TITLE: "Typicality of Nectary" (A handwritten collection of prescriptions for the industrial practice of the XVI century) ("Tipik Nektariya"-Rukopisnyy retsepturnyy sbornik po remeslennoy tekhnike XVI v.)

PERIODICAL: Tr. Kiyevsk. tekhnol. in-ta legkoy prom-sti, 1955 Nr 7,
pp. 196-219

ABSTRACT: Part I of a manuscript dating back to the beginning of the XVIII century is presented. The work contains specifications and directions for the production of white lead. The technique of Au deposition on Ag, Cu, etc., is described in detail, a method of producing synthetic ("artificial") gold is presented, also other data.

Card 1/1

A.Sh.

TURCHENKO, Ya. I.

(1)

~~History of communication among chroniclers of Slavonic countries. Ya. I. Turchenko. Uspekhi Khim. 22, 275-6 (1953).—Historical with citations and reproduction of letters.~~
G. M. Kosolapoff

10-8-54 MEF

TURCHENKO, Ya.

Chemists

From the history of interrelations between chemists of Slavic countries. Usp. khim. 22, No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

TURCHENKO, Ya. I.; FIGUROVSKIY, N.A., redaktor.

Nikolai Nikolaevich Beketov. Moskva, Izd-vo Akademii nauk SSSR,
1954. 206 p. (MIRA 7:11)
(Beketov, Nikolai Nikolaevich, 1827-1911)

TURCHENKO, Ya. I.

History of communication among chemists of Slavonic countries. Uspekhi
Khim. 22, 375-6 '53.
(CA 48 no.2;415 '54) (MIRA 6:3)

BULANZHE, I. N., kand.khimicheskikh nauk, dotsent; TURCHENKO, Ya. I., dotsent,
kand. tekhn. nauk; ZIL'BERG, G. I., inzh.

Studying the wear resistance of phosphate coated steel surfaces.
Report no.1. Izv.vys.ucheb.zav.; tekhn.leg.prom. no.4:147-153 '61.
(MIRA 14:10)

1. Kiyevskiy tekhnologicheskiy institut legkoy promyshlennosti.
Rekomendovana kafedroy obshchey i analiticheskoy khimii.
(Steel, Structural—Testing)
(Phosphate coating—Testing)

S/137/62/000/001/208/237
A154/A101

AUTHORS: Bulanzhe, I. N., Turchenko, Ya. I., Zil'berg, G. I.

TITLE: Investigation of the wear-resistance of phosphate-coated steel surfaces. Communication 1

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 1, 1962, 94, abstract 11673
("Izv. vyssh. uchebn. zavedeniy. Tekhnol. legk. prom-sti", 1961,
no. 4, 147 - 153)

TEXT: A pure Mazhef solution is the most suitable for phosphate-coating small parts. Various additions of CaO, BaCO₃ and Ba(NO₃)₂, as well as passivation in a K₂Cr₂O₇ solution, impair the external appearance of the items, giving them a greyish hue. The most aggressive solutions are Mazhef solutions containing BaCl₂, and superphosphate solutions containing H₂C₂O₄ + Na₂C₂O₄. They can be recommended for phosphate-coating alloyed steels. The most corrosion-resistant coatings are obtained from a Mazhef solution brought to the required acidity by the addition of MnCO₃ or Na₃PO₄, with subsequent treatment in commercial vaseline. The corrosion-resistance of phosphate coatings is over 10 times higher than that of coatings obtained by hot sulfidizing or oxidizing. Phosphatizing increases

Card 1/2

Investigation of the...

S/137/62/000/001/208/237
A154/A101

the wear-resistance of items subjected to comparatively low specific pressures ($12 - 14 \text{ kg/cm}^2$) and low speeds (200 rpm). Under these conditions the most effective results are obtained in phosphate-phosphate friction. The friction surface becomes smooth, lustrous and black. The friction factor varies between 0.03 and 0.09. A film obtained from a Mazhef solution possesses the highest electrical resistivity - $5 \cdot 10^7 \text{ ohm/cm}$ at 20°C . There are 7 references.

Authors' summary

[Abstracter's note: Complete translation]

Card 2/2

BOL'SHAKOV, L.A., kand.tekhn.nauk; BUL'SKIY, M.T., inzh.; TURCHENKOVA, Ye.K.,
inzh.; YEGNUS, R.M., inzh.; SVIRIDENKO, F.F., inzh.; TARASOVA, L.P.,
inzh.; SLEPKANEV, P.N., inzh.; GAVRIKOV, V.Z., inzh.

Efficient design of large rail ingot molds. Stal' 20 no.9:793-797
S '60; (MIRA 13:9)

1. Zavod "Azovstal'" i Zhdanovskiy metallurgicheskiy institut.
(Ingot molds)

TURCHINOVICH, N.N.

USSR/Microbiology. Hemoglobinophilic Bacteria. Pathogenic Fungi
and Actinomycetes F-5

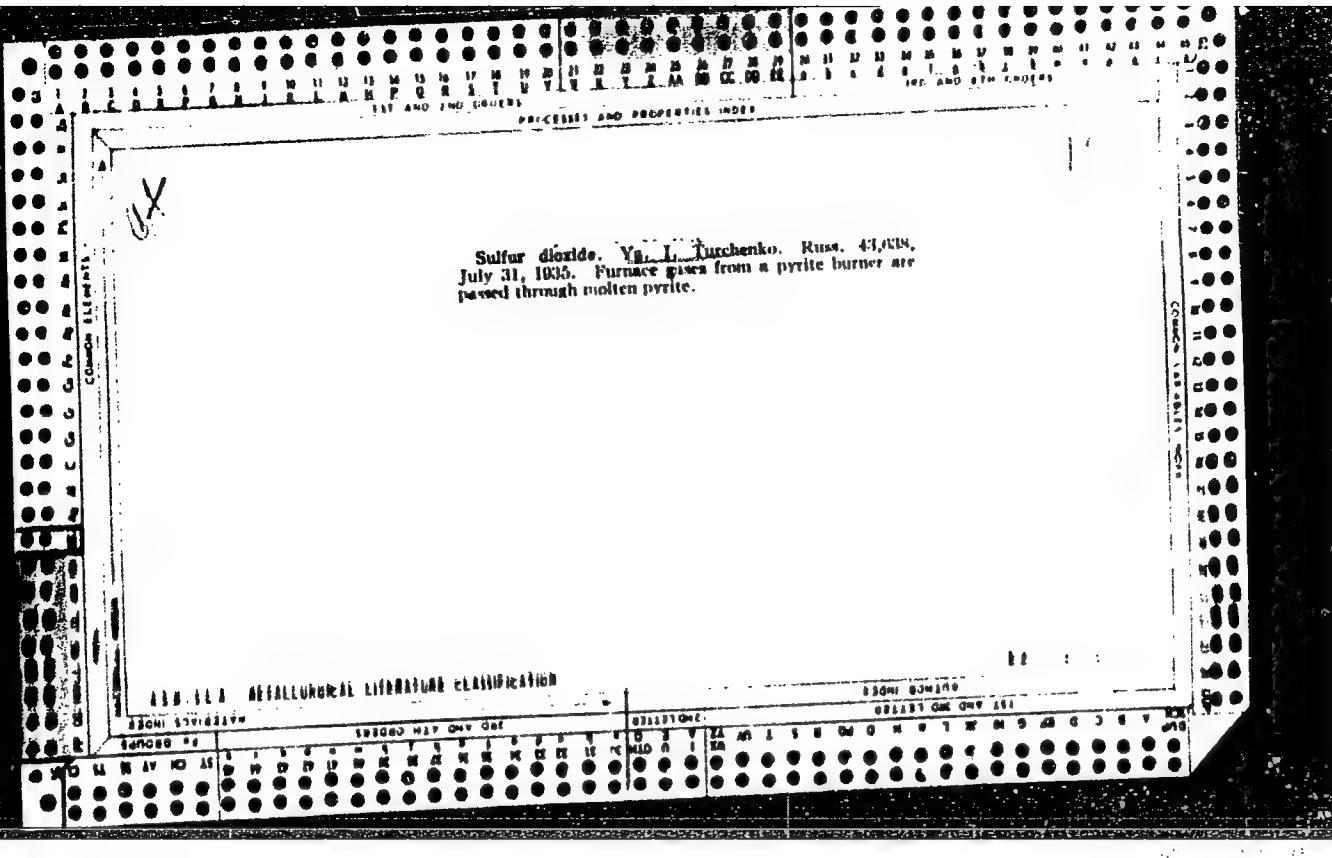
Abs Jour : Ref Zhur - Biol., No 14, 1953, № 62528

Author : Turchinovich N.N.
Inst : Stalinskiy Institute for the Advanced Training of Physicians
Title : Candidamycoses in Ophthalmology. Experimental Data

Orig Pub : Sb. tr. Stalinsk. in-t usoversh. vrachey, 1957, 27, 338-
346

Abstract : No abstract

Card : 1/1



TURCHENKO, Yakov Ivanovich; KOTOV, M.P., prof., otvetstvennyy red.;
SKVIRSKAYA, M.P., red.; KHOKHANOVSKAYA, T.I., tekhn.red.

[Main lines of the development of general, inorganic and physical
chemistry in the Ukraine (the 19th century and the first half of
the 20th century)]. Osnovnye puti razvitiia obshchei, neorganicheskoi
i fizicheskoi khimii na Ukraine (XIX st. i pervaia polovina XX st.).
Kiev, Izd-vo Kievskogo gos.univ.im.T.G.Shevchenko, 1957. 433 p.
(MIRA 10:12)

(Ukraine--Chemistry--History)

RECORDED 12/11/1967

ORANGE "C" LETTERS. THE PAPER IS ONE SIDE. THEY
ARE OF THE TYPE USED IN THE C-7 AIRPLANE.

(3) AS1141. FWD. REPORT OF Q-7 CRASH, PLANE DOWN WITH
THEIR AIRCREW.

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757520002-2

TURCHENKOV, V.I.

A.C. phase sensitive resistor trigger circuit. Priborostroenie
no. 12819-21 D 16.

(MIRA 18:3)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757520002-2"

EXCERPTA MEDICA Sec 7 Vol. 11/6 Pediatrics June 57

5)

1524. STEINBURKH N.V. and TURCHENKOVA V.Yu. Reg. Sci. and Exp. Inst. of Paed., Tostov, USSR. "Changes in the encephalograms of children suffering from tuberculous meningitis during treatment (Russian text) Z. NEVROPAT. PSIKIAT. 1956, (725-730)-730)

564 EEG's were recorded of 61 children suffering from tb meningitis and of 25 children with serous meningitis and meningo-encephalitis of non tb origin. The number of recordings for one patient varied from 1 to 22 and the period of observation from 1 to 250 days. The EEG's were recorded by fronto-occipital derivations and additional bipolar occipito-temporal and temporal-frontal derivations as well as unipolar derivations from frontal, temporal, central and occipital areas were recorded. As a rule all the EEG's recorded in patients suffering from tb meningitis in the acute stage showed distinct pathological phases with characteristic depression of the α -rhythm and appearance of pathological slow waves. The frequency of the waves decreased and the voltage increased in ratio to the severity of the process. When treatment is started early in the quiescent phase of the process the EEG may become normal long before the meningeal symptoms disappear or the CSF returns to normal. When treatment is started at a later stage normalisation may be delayed until the 30th-60th days of the illness. In the convalescence period the α -rhythm is very unstable with regard to frequency and amplitude. When the disease becomes progressively generalized, death may be preceded by gradual decrease of the voltage of the slow waves which become irregular. The repeated appearance or increase of pathological slow waves after 4-5 days preceded the appearance of the first clinical symptoms of exacerbation or relapse. The above findings permit the conclusion that the presence of pathological slow waves points only to the severity of the disease and reflects the stage of the process but is not a specific symptom of tb meningitis. The data obtained by encophalography are no criteria in the differential diagnosis between tb meningitis and lymphocytic meningitis of non-tb origin in children, as stated by Tural et al.

Soloveva - Moscow (XV, 7, 8)

L 40851-66 EWT(1)
ACC NR: AP6010022

SOURCE CODE: UR/0119/66/000/003/0009/0009

AUTHOR: Turchenkov, V. I. (Engineer)

46
B

ORG: none

TITLE: Passive-element multiplier ✓

SOURCE: Priborostroyeniye, no. 3, 1965, 9

TOPIC TAGS: logic element, computer component, electron multiplier

ABSTRACT: A multiplier such as the one shown in Fig. 1 can easily be built from passive elements if the voltage from a frequency sensor output is used as one of the multiplicands.

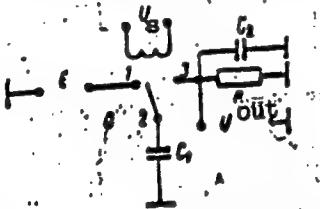


Fig. 1 Functional diagram of a multiplier.
The voltage U_S is controlled by a switching device.

Card 1/2

UDC: 621.374.4

L 40851-66

ACC NR: AP6010022

The note presents the basic theory of the device and discusses its operation. A possible practical version of the multiplier is shown in Fig. 2. Orig. art. has: 5 formulas and 3 figures.

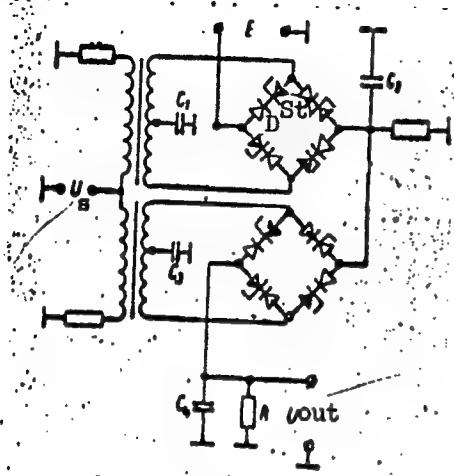


Fig. 2 Basic diagram of a multiplier:
 C_1 , C_3 - intermediate capacitors; C_2 ,
 C_4 - filter condensers; D - diode; St -
stabilitron.

SUB CODE: 09/ SUBM DATE: 00/ ORIG REF: 001/ OTH REF: 000

Card 2/2 MLP

L 34070-66 EWT(1) GG

ACC NR: AP6019781

SOURCE CODE: UR/0119/66/000/006/0017/0018

AUTHOR: Turchenkov, V. I. (Engineer)48
B

ORG: none

TITLE: Phase switch based on semiconductor devices

SOURCE: Priborostroyeniye, no. 6, 1966, 17-18

TOPIC TAGS: trigger circuit, semiconductor device

ABSTRACT: A trigger circuit is discussed with two stable states characterized at its output by ac voltages whose phases differ by 180° . The circuit is activated by an ac input signal envelope exceeding a certain threshold. Functionally, the circuit is an ac dual of a Schmidt trigger circuit. Its schematic diagram is shown in the figure. It consists of an emitter coupled flip-flop fed by two full-wave rectifiers acting on an ac reference voltage U_{ref} . The circuit's threshold level is set by Zener diodes $D_6 - D_8$. To change the state of the circuit, the reference and input voltages must be in synchronism. The time constant $R_1 C_1$ determines the duration t_1 (see time chart); these are inversely related. The circuit was tested for stability, establishing that if transistor β is changed from 20 to 100 the threshold level changes from 16.5 to 17.2 v rms. When U_{ref} is changed from 8 to

UDC: 621.314.252

Card 1/2

L 34070-66

ACC NR: AP6019781

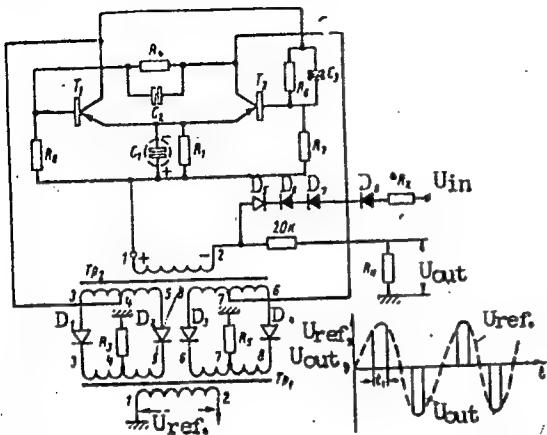


Fig. 1. AC trigger circuit

13 v rms the threshold levels change from -17, +17.7 to -15, +18.5 v rms, respectively (the signs refer to opposite phases). The threshold vs temperature tests indicated the following: at 20C the threshold levels were +17 and -17 v; at 60C they were +16.85 and -16.85; and at -60C they were +16.5 and -16.6 v rms, respectively. The circuit may also find application as a pulse width modulator if it is slightly modified (if the $R_1 C_1$ combination is replaced by a regulated power supply, and if U_{ref} is a sawtooth voltage source). Orig. art. has: 1 figure. [BD]

SUB CODE: 09 / SUBM DATE: none
ATD PRESS: 50/9

Card 2/2

TURCHENKOVA, Ye.K., inzh.; SIKORSKIY, A.I., inzh.; YEGNUS, R.M., inzh.;
BOLDYREV, L.I., inzh.; RAZNOTINA, Ye.T., inzh.; BOL'SHAKOV, L.A.,
kand.tekhn.nauk; GAVRIKOV, V.Z., inzh.

Life of 650 rolling mill sleeve joints made of cast iron with
spheroidal graphite. Stal' 18 no.8:763-766 Ag '58. (MIRA 11:8)

1.Zhdanovskiy metallurgicheskiy institut i zavod "Azovstal'."
(Cast iron--Metallography)

SOV/133-58-8-29/30

AUTHORS: Turchenkova, Ye.K., Sikorskiy, A.I., Yegnus, R.M.;
Boldyrev, L.I., Raznotina, Ye.T., Engineers, Bol'shakov,
L.A., Candidate of Technical Sciences, and Gavrikov, V.Z.,
Engineer

TITLE: Performance of the Coupling Sleeves Made From Nodular Iron
at the Mill 650 (Rabota soyedinitel'nykh muft iz chuguna
s sharovidnym grafitom na stane 650)

PERIODICAL: *Stal'*, 1958, Nr 8, pp 763 - 766 (USSR)

ABSTRACT: As the durability of the coupling sleeves of the mill 650
made from grey iron decreased with increased degree of
reduction per pass introduced in the rolling practice, the
use of sleeves made from nodular iron was investigated.
Four series of experimental smelting of magnesium-inoculated
iron were carried out. Sleeves from the first series
were tested as cast and of the remaining series after
various heat treatments. The chemical composition,
mechanical and conditions of thermal treatment are given
in Table 1. The microstructure of heat-treated metal
- Figures 1-3, the mould for casting of sleeves - Figure 4,
the results of service life of sleeves made from nodular
iron, grey iron and steel - Table 2. On the basis of the
results obtained, it is concluded that the service life

Card1/2

SOV/133-58-8-29/30
Performance of the Coupling Sleeves Made from Nodular Iron at the
Mill 650

of sleeves from nodular iron is 4-6 times higher than that
of sleeves made from grey iron. The optimum heat treatment
is normalisation with subsequent annealing at 580 °C.
Sleeves should be cast with the consumption of metal for
shrinkage head not less than 20% of the weight of casting.
When coupling sleeves are not heat-treated, then the sum
of C + Si in nodular iron should be maintained in a range
of 5.5-6.0%. There are 5 figures and 2 tables.

ASSOCIATIONS: Zhdanovskiy metallurgicheskiy institut (Zhdanov
Metallurgical Institute) and Zavod "Azovstal'"
("Azovstal'" Works)

Card 2/2

1. Couplings--Materials 2. Couplings--Test results
3. Iron--Applications 4. Steel--Applications

KRASOVITSKIY, V.S., kand.tekhn.nauk; TURCHENKOVA, Ye.K., inzh.; YEGOROV,
R.M., inzh.

Increasing the durability of closed-bottom molds. Stal' 21 no.5:
475-476 My '61. (MIRA 14:5)

1. Zhdanovskiy metallurgicheskiy institut i zavod "Azovstal'."
(Steel ingots)

ABDAMOVA-ZEPALOVA, C.N., GEFER, YU.M., GLYNIKA-CHERNOGORSKAYA, YE.L.,
MILIK-MAGDASAROVNA, M.G., TURGUTZOV, YE.I., TUDMAN-CHETVULKOVA, YE.E.

Metabolism

Changes of the metabolism index in tissues of rats due to alimentary protein deficiency.
Ukr.biokhim.zhir. 22, no. 3, 1950.

9. Monthly List of Russian Accessions, Library of Congress, OCTOBER 1952
1953. Unclassified.

ABBAKHOVA-ZEPALOVA, O.N., GEFTER, T.S.M., GIYNKA-CHERNORUTSKAYA, YE.I.,
MELIK-BAGDASAROVA, N.G., TURCHELKO, YE.I., TYDMAN-CHETVENDOKOVA, Y.L.K.

Proteins

Changes of the metabolism index in tissues of rats due to alimentary protein deficiency.
Ukr.biokhim.zhur. 22, no. 3, 1950.

OCTOBER 1952

Unclassified.

9. Monthly List of Russian Accessions, Library of Congress,

ABBAKUMOVA-ZEPALOVA, O.N., GEFTER, YU. N., GLYNKA-CHERNCRUTSKAYA, YE. I.,
MELIK-BAGDASAROVA, M.G., TURCHENKO, YE. I., TYDUM-CHETVERCKOVA, YE. K.
MARY

Proteins

Changes of the metabolism index in tissues of rats due to alimentary protein deficiency,
Ukr. biokhim, zhur., 22, No. 3, 1950.

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED.

GAL'PERIN, Ye.I.; TURCHENKOV, V.I.

Ring phase detector for high output voltages. Priborostroenie
no.11:21-22 N '62. (MIRA 15:12)
(Voltage regulators)

TURCHENKOV, V.

switching circuit using diodes. Radio nc.2:40-42, 44 F 164.
(MIRA 17:3)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757520002-2

TURCHENKOV, V.I., inzh.

An a.c. time relay. Avtom., telem. i sviaz' 7 no.11, 14-15 N '63.
(MIRA 16:12)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757520002-2"

L 19009-63

BDS/EHT(d)

ACCESSION NR: AP3006405

S/0119/63/000/008/0025/0026

X 5

AUTHOR: Turchenkov, V. I.

TITLE: An instrument for measuring high speeds within a small angle of shaft rotation (Author's Certificate no. 149637)

SOURCE: Priborostroyeniye, no. 8, 1963, 25-26

TOPIC TAGS: speed, speed measurement, shaft speed measurement

ABSTRACT: A new instrument is described for measuring high speeds of motors, turbines, etc., or for measuring the speed within a small angle of turn of the shaft; in the latter case, a linear-potentiometer-type primary detector is required. A rectangular pulse whose duration is "proportional to the speed" is integrated, and stored as a voltage; the voltage is amplified and applied to an indicating instrument whose scale is calibrated in speed units. The instrument can measure "high speeds, such as 1,000 degrees/sec and more," within a 0.5-degree or less angle. Diagrams and figures.

Card 1/4

KRASOVITSKIY, V.S., kand.tekhn.nauk; TURCHENKOVA, Ya.K., inzh.;
YEGNUS, R.M., inzh.

Chill casting of trays for ingot molds. Stal' 23 no.2:185-187
(MIRA 16:2)
F '63.

1. Zhdanovskiy metallurgicheskiy institut i Avoskiy staleplavil'nyy
zavod im. Sergo Ordzhonikidze v Zhdanove.
(Iron founding)

KRASOVITSKIY, V.S., kand.tekhn.nauk; BOL'SHAKOV, L.A., kand.tekhn.nauk;
TURCHENKOVA, Ye.K., inzh.; GORBANEV, Ya.S., inzh.; YEGNUS, R.M.,
inzh.; CHUMAK, M.A., inzh.; KISSEL', N.N., inzh.; SAL'MAN, B.Sh.,
inzh.

Increasing the stability of ingot molds by an addition of
ferrotitanium. Stal' 23 no.8:717-718 Ag '63. (MIRA 16:9)

1. Zhdanovskiy metallurgicheskiy institut, zavod "Azovstal'" i
zavod im. Il'icha.
(Ingot molds)

BOL'SHAKOV, L.A.; TURCHENKOVA, Ye.K.

Equal wall solid bottom molds. Metallurg 6 no.9:16 9-16-61.
(MIRA 14:9)
1. Zhdanovskiy metallurgicheskiy institut i zavod "Azovstal'".
(Ingot molds)

TURCHENOV, N.I.

USSR/Chemical Technology - Chemical Products and Their Application. Treatment of Solid Mineral Fuels

I-7

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2459

Author : Turchenov, N.I.

Inst :

Title : Ensuring Uniform Quality of Metallurgical Coke as Concerns Its Mechanical Strength.

Orig Pub : Koks i khimiya, 1957, No 4, 18-23

Abstract : On the basis of the plastometric-component classification of coal, proposed by the author, a method has been developed for determining the anticipated mechanical strength of coke, from data concerning the amount of heliphycized matter (vitrain group) and cutin elements (H + C), fusainized components and coking index of coal mixtures. A computation batching chart is provided, the use of which makes it possible to determine the proportions of individual components of the batch mixture and the

Card 1/2

. USSR/Chemical Technology .. Chemical Products and Their
Application. Treatment of Solid Mineral Fuels

I-7

* Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2459

plastometric-component characteristics for a given
strength of the coke.

Card 2/2

TURCEK, F.

SCIENCE

Periodical BIOLOGICKÉ PRACE. Vol. 4, no. 8, 1958.

TURCEK, F. Trees, birds, and mammals in some bush belts between fields. p. 47.

Monthly List of East European Accessions (EEAI) Vol. 8, no. 3, March, 1959. LC
Unclassified

DUBROVIN, Ye., dotsent; MEREKULOV, Ye., dotsent; TURCHIKHIN, E., dotsent

Precast reinforced concrete city pavements. Zhil.-kom.khoz.
10 no.9:27-29 '60. (MIRA 13:9)

1. Kafedra dorog Vsesoyuznogo zaochnogo inzhenerno-stroitel'nogo
instituta. (Pavements, Concrete)

TURCHIKHIN, E.

TURCHIKHIN, E., inzhener.

X-ray method of examining asphalt concrete. Zhil.-kom.khoz. 4
no.4:26-27 '54. (MLRA 7:7)
(Asphalt) (X-rays--Industrial applications)

MURZAYEVA, L.; TURCHIKHIN, E.

Making high-quality asphalt concrete. Zhil.-kom. khoz. 9 no.4:
25-26 '59. (MIRA 12:7)
(Asphalt concrete)

TURCHIKHIN, E., dotsent; ZAYTSEV, L., starshiy prepodavatel'

Connection with life. Zhil.-kom. khoz. 13 no.4:19-20 Ap '63.
(MIRA 16:5)
(Municipal services--Study and teaching)

1:

GUREVICH, L., kand. tekhn. nauk; TURCHIKHIN, E., kand. tekhn. nauk

Using colored materials in constructing pavements. Zhil.-kon. vopr.
9 no.9:16-17 '59. (MIR 19:2)
(Pavements)

OL'MEZOV, G., inzhener; TURCHIKHIN, E., inzhener.

"Asphalt concrete road surfaces." L.B. Gezentsvei. Reviewed
by G. Ol'mezov, E. Turchikhin. Zhil.-kom.khoz. 5 no.8:28 '55.
(MLRA 9:3)

(Roads, Concrete) (Gezentsvey, L.B.)

ACC NR:

AM6010600

(A)

Monograph

UR/

Dubrovin, YEvgeniy Nikolayevich; Turchikhin, Emmanuil YAkovlevich

Prestressed reinforced concrete used in the construction of city streets (Prevaritelno napryazhenyy zhelezobeton v stroitel'stve gorodskikh dorog) Moscow, Stroyizdat, 1965, 302 p. illus., biblio., tables. 3,500 copies printed.

TOPIC TAGS: highway construction, railway construction, concrete, reinforced concrete

PURPOSE AND COVERAGE: This book gives the results of experiments made by scientists and production organizations, and it includes studies made by the author in the field of design construction and technology of building monolithic and sectional road surfaces and rail supports for trolley lines from prestressed reinforced concrete. Also shown are the developments in foreign technology and practice in this field.

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Ch. I. Road surfaces from prestressed concrete and reinforced concrete -- 5
Ch. II. Road constructions using prestressed reinforced concrete -- 31
Ch. III. Materials for preparing prestressed reinforced constructions --- 61

Card 1/2

UDC:625.7/.8:691.32

ACC NR:
AM6010600

Ch. IV. Construction and experimental studies -- 68
Ch. V. Design of prestressed reinforced concrete surfaces and rail supports -- 75
Ch. VI. Mechanisms and equipment -- 148
Ch. VII. Technology of constructing monolithic road surfaces -- 184
Ch. VIII. Technology of industrial manufacturing of prestressed reinforced concrete constructions -- 205
Ch. IX. Technology of construction of road surfaces and trolley lines from sectional parts -- 241
Ch. X. Problems of the use of city streets made from prestressed reinforced concrete -- 273
Ch. XI. Economic effectiveness of using prestressed reinforced concrete in city road construction -- 281
Bibliography -- 296

SUB CODE: 13 / SUBM DATE: 22Jul65 ORIG REF: 085 OTH REF: 021

Card 2/2

MERKULOV, Yefim Afanas'yevich, dots., kand. tekhn. nauk; DUBROVIN,
Yevgeniy Nikolayevich, dots., kand. tekhn. nauk; TURCHIKHIN,
Emmanuil Yakovlevich, dots., kand. tekhn. nauk; YUDIN, Vasiliy
Aleksandrovich, dots., kand. tekhn. nauk; Prinimali uchastiye:
SLAVUTSKIY, A.K., dots., kand. tekhn. nauk; ZAYTSEV, L.K., inzh.;
ZAMAKHAYEV, M.S., red.; OVSYANNIKOVA, Z.G., red. izd-va

[Examples of the design of roads and public transportation systems
in cities] Primery proektirovaniia dorog i setei passazhirskogo
transporta v gorodakh. [By] E.A. Merkulov i dr. Moskva, Gos. izd-
vo "Vysshiaia shkola," 1962. 265 p. (MIRA 16:2)
(Road construction) (Rapid transit)

DUBROVIN, Yevgeniy Nikolayevich; TURCHIKHIN, Emmanuil Yakovlevich
Prinimal uchastiye NAUMENKO, V.S., kand. tekhn. nauk;
NIKOLAYEVA, N.M., red.

[Prestressed reinforced concrete in the construction of
city streets] Predvaritel'no-napriazhennyi zhelezobeton v
stroitel'stve gorodskikh dorog. Moskva, Stroizdat, 1965.
(MIRA 18:12)
302 p.

TURCHIKHIN, E., inzhener

Investigating the water permeability of a bituminous film by means
of tagged atoms. Zhil.-kom.khoz.5 no.5:24-25 '55. (MLRA 8:11)
(Road materials)

VINITSKIY, L., dotsent; DUBROVIN, Ye., dotsent; TURCHIKHIN, E., dotsent

Elastic securing of rails to reinforced-concrete ties. Zhil.-kon.
khoz. 10 no.10:30-31 '60. (MIRA 13:10)

1. Vsesoyuznyy zaochnyy inzhenerno-stroitel'nyy institut.
(Street railways--Rails)

TURCHIKHIN, E. Ya.

TURCHIKHIN, E. Ya., Cand Tech Sci, -- (diss) "Study of the water permeability of asphalt concrete by means of radioactive isotopes." Mos, 1958. 13 pp (Min of Higher Education USSR. Mos Order of Labor Red Banner Engineering -Construction Inst im.V.V. Kuybyshev). 200 copies (KL,20-58,98)

STRAMENTOV, A.Ye., prof., doktor tekhn.nauk; AKSEL'ROD, L.S., dots., kand.
tekhn.nauk; TURCHIKHIN, E.Ya., inzh.

Using autoradiography in testing waterproofness of asphalt and cement
concretes. Nauch.dokl.vys.shkoly; stroi. no.1:246-250 '58.
(MIRA 12:1)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury (for
Stramentov). 2. Rekomendovana kafedroy grodskogo stroitel'stva i
khozyaystva Moskovskogo inzhenerno-stroitel'nogo instituta imeni V.V.
Kuybysheva.

(Radioisotopes--Industrial application)
(Concrete--Testing)

1946-1950, 2-4a.

SPEBANTOV, N., kandidat tekhnicheskikh nauk; TURCHIKHIN, E.

Using radioactive isotopes in controlling production of packed
slabs. Stroi.mat. 2 no.12:30-31 D '56. (MLRA 10:2)

1. Zaveduyushchiy laboratoriyye instituta im. V.V.Kuybysheva
(for Turchikhin).

(Radioisotopes-- Industrial applications)
(Building blocks)

DUBROVIN, Yevgeniy Nikolayevich; TURCHIKHIN, Emmanuil Yakovlevich;
SHAFRAN, Vladimir Leont'yevich; SAMOYLOV, D.S., red.;
ISEYEVA, R.Kh., red.izd-va; KHENOKH, F.M., tekhn. red.

[City vehicular and pedestrian crossings at various levels]
Gorodskie transportnye i peshekhodnye peresecheniya v raz-
nykh urovniakh. Moskva, Izd-vo MKKh RSFSR, 1963. 131 p.
(MIRA 17:2)

DUBROVIN, Yevgeniy Nikolayevich; TURCHIKHIN, Emmanuil Yakovlevich;
YUDIN, Vasiliy Aleksandrovich; LANTSBERG, Yu.S., red.;
OVSYANNIKOVA, Z.G., red.izd-va; GRIGORCHUK, L.A., tekhn.
red.

[Organization of the construction and operation of urban
roads] Organizatsiya stroitel'stva i eksploatatsii gorod-
skikh dorog. Moskva, Vysshiaia shkola, 1963. 305 p.
(MIRA 16:8)

(Road construction) (Streets)

DUBROVIN, Yevgeniy Nikolayevich; ZAYTSEV, Leonid Konstantinovich;
TURCHIKHIN, Emmanuil Yakovlevich; SOSYANTS, V.G., red.;
LYUBINA, R.M., red.izd-va; KHENOKH, F.M., tekhn. red.

[The economics and the organization of the building and
maintenance of city roads] Ekonomika i organizatsiia stroi-
tel'stva i ekspluatatsii gorodskikh dorog. Moskva, Izd-vo
MKKh RSFSR, 1963. 233 p. (MIRA 16:10)

(Roads)

TURCHIKHIN, E.Ya., inzhener.

Using radioactive isotopes for testing water resisting properties of
the asphalt cement. Ger. khoz. Mosk. 31 no.3:34-35 Mr '57.
(Asphalt--Testing) (MIR 10:4)
(Radioisotopes--Industrial applications)

TIKHONOV, A.Ya., prof.; TURCHIKHIN, E.Ya., inzh.

Using radioactive isotopes for studying surface additives in
asphalt concrete. Avt.dor.20 no.10:36-37 O '57. (MIRA 10:12)
(Radioisotopes--Industrial applications) (Asphalt concrete--Testing)

DUBROVIN, Ye.N. dotsent; MERKULOV, Ye.A., dotsent; TURCHIKHIN, E.Ya.
dotsent

Use precast reinforced concrete in road construction.
Gor. khoz. Mosk. 36 no.9:17-20 S '62 (MIRA 15:10)

1. Vsesoyuznyy zaochnyy inzhenerno-stroitel'nyy institut.
(Prestressed concrete construction) (Moscow—Road construction)

DUBROVIN, Yevgeniy Nikolayevich; TURCHIKHIN, Emmanuil Yakovlevich;
ZAMAKHAYEV, M.S., red.

[Pavements of prestressed reinforced concrete] Dorozhnye
pokrytiia iz predvaritel'no napriazhennogo zhelezobetona.
Moskva, Transport, 1964. 97 p. (MIRA 17:6)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757520002-2

DUBROVSKY, Vasilij VYATSKY, L. A.; TURCHENIN, B. A.

... solved problem. Avtodor. 28 no. 8121-23 Ag 165.
(MTR4 18:11)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757520002-2"

BIGDABERG, R.M.; GUDMUNDSEN, K.E., VANBERG, R.F.; MO FORTUNE, L.A.
~~TURCHINIAN, L.Z.B.~~

Using infrared rays an asphalt surface's condition can be tested.
28 Nov. 962-42 C 166.

S/117/60/000/006/005/010
AC04/AC02

AUTHOR: Turchin, D.Ye.

TITLE: Press Mold for the Manufacture of Plastic Gears ✓

PERIODICAL: Mashinostroitel', 1960, No. 6, p. 24

TEXT: The author reports on a new press mold for the manufacture of caprone gears which was made at the "Tashtekstil'mash" Plant. The gear with cast spiral tooth is reinforced by a metal bushing. The gear rim is pressure-cast in a special press-mold on the ~~LD~~-50 (LD-50) thermoplastic automatic. A diagram shows the design of the press mold which consists of a stationary and movable part. The stationary part is placed in a flange and is fastened to a stationary plate of the thermoplastic automatic. The author gives a detailed description of the press-mold design and its operation and points out that the manufacture of caprone gears by this method sets free gear-milling machines and saves metal. Moreover, caprone gears ensures noiseless operation. There are 2 figures. ✓

Card 1/1

TURCHIN, D.Ye.

Mold for making plastic pinions. Mashinostroitel' no.6:24
Je '60. (MIRA 13:8)
(Plastics--Molding)

1. TURCHIN D.YE.
2. USSR (600)
4. Turning
7. New system of trunign tapered pins. Vest.mash. 33 no.1, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

TURCHIN, F., doktor sel'skokhoz.nauk, prof.

Chemistry and the harvest. NTO 6 no.1:5-6 Ja '64. (MIRA 17:2)

1. Predsedatel' sektsii khimizatsii Tsentral'nogo pravleniya Vsesoyuznogo khimicheskogo obshchestva im. Mendeleyeva.

TURCHIN, S., kapitan 1.-go ranga

Political education of workers and employees. Form. 1.
SIL 4 no.12:32-37 Je '64.

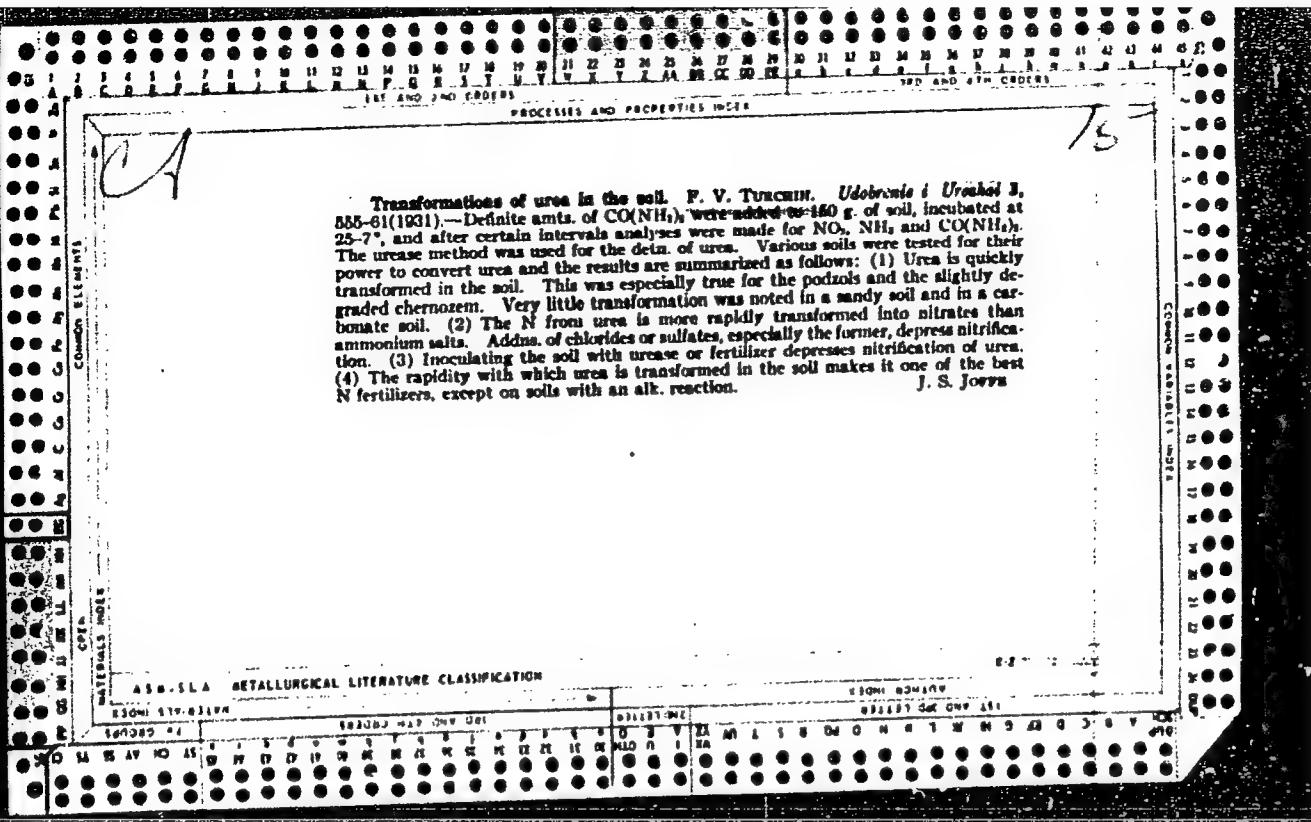
SOKOLOV, A. V., prof.; TURCHIN, E. V., prof.

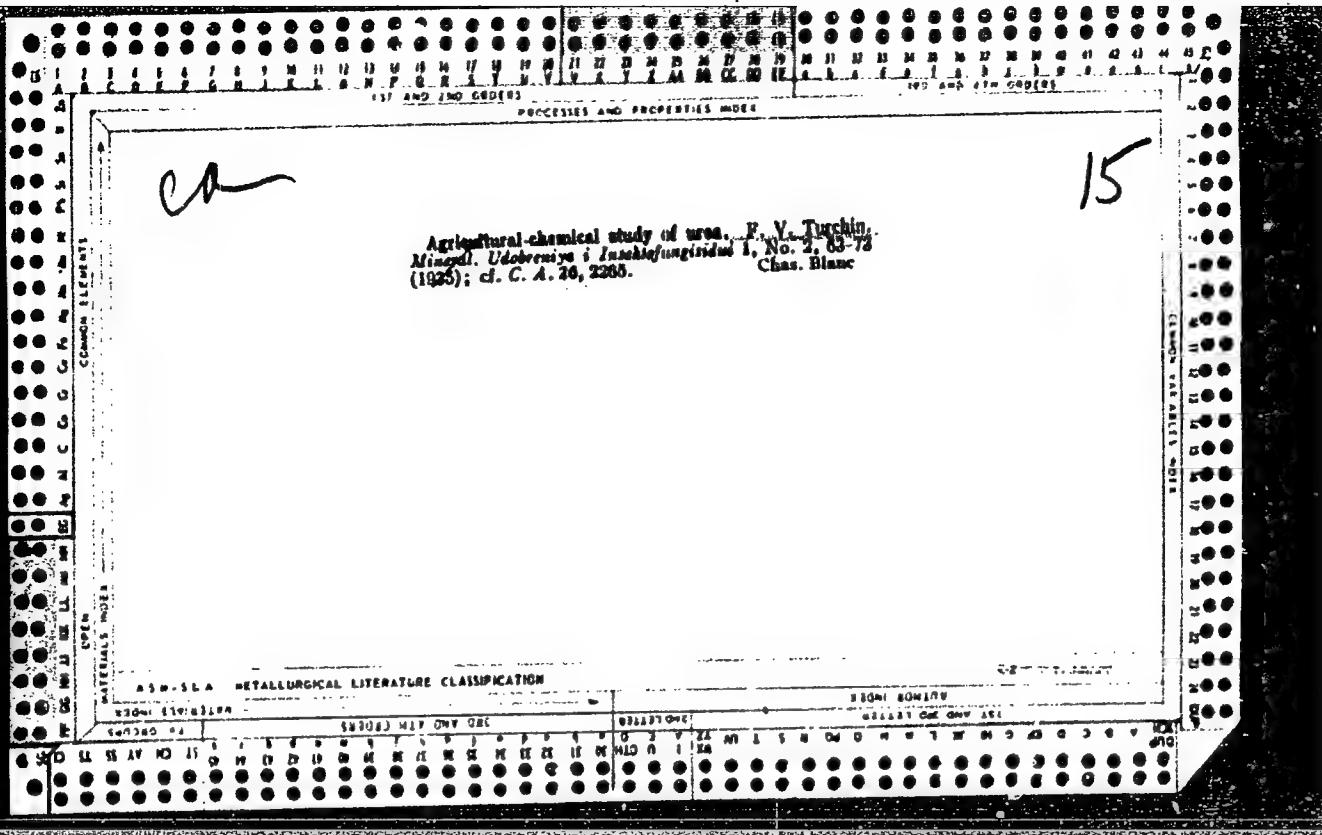
Use of the isotopes P³² and N¹⁵ in the agricultural chemistry.
Zhur. VKHO 7 no. 5:489-494 '62. (MIRA 15:10)

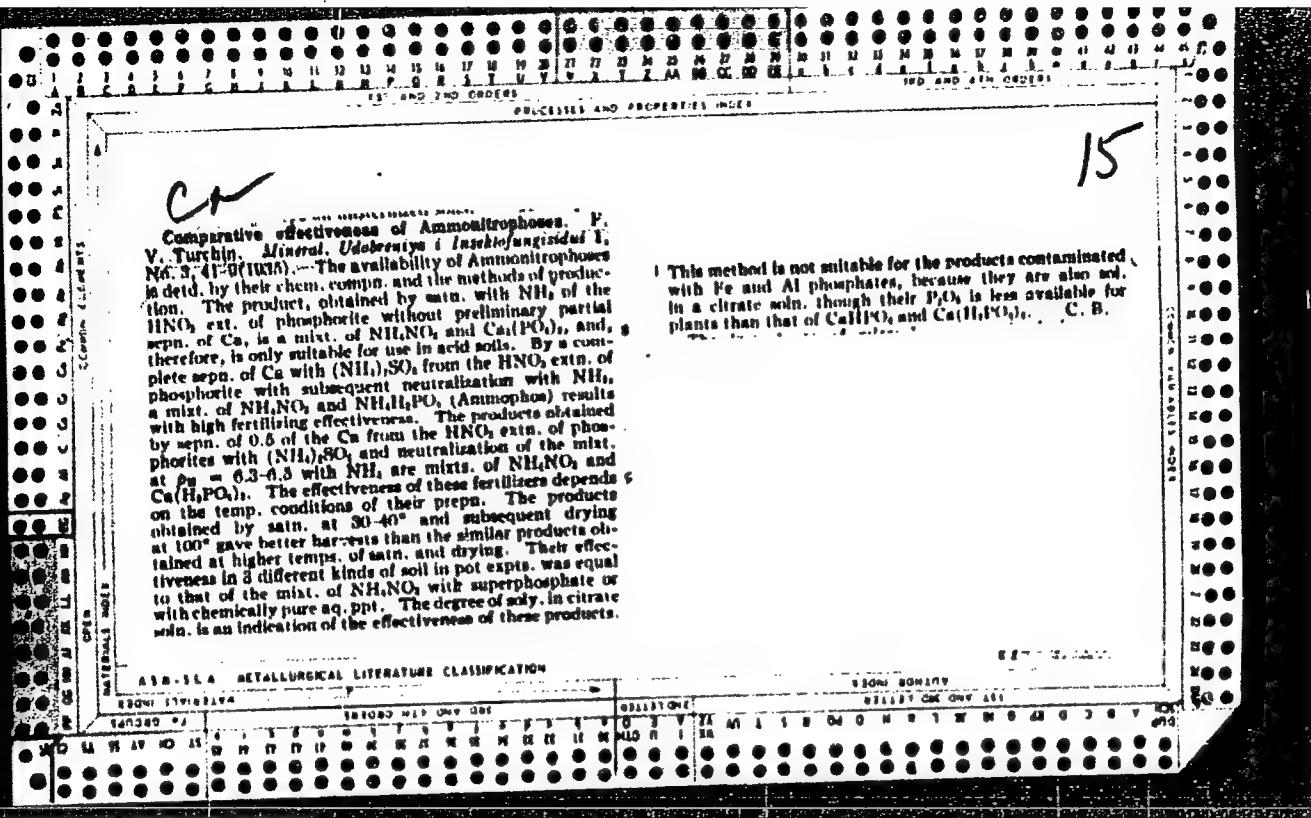
(Agricultural chemistry) (Phosphorus—Isotopes)
(Nitrogen—Isotopes)

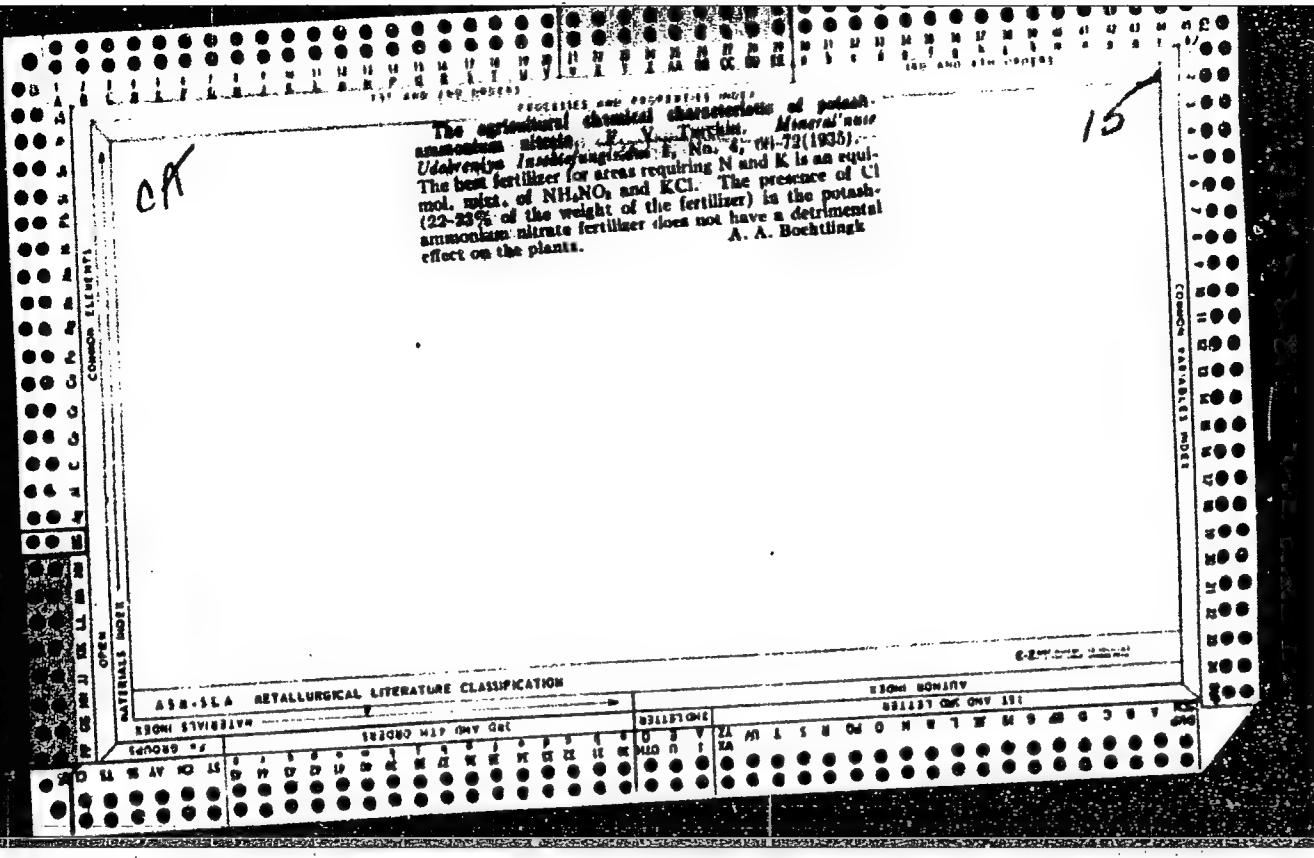
Transformations of urea in the soil. F. V. TURMIN. *Udobrenie i Ureolit* 3, 555-61 (1931).—Definite amounts of $\text{CO}(\text{NH}_2)_2$ were added to 150 g. of soil, incubated at 25°-7°, and after certain intervals analyses were made for NO_x , NH_3 and $\text{CO}(\text{NH}_2)_2$. The urease method was used for the determination of urea. Various soils were tested for their power to convert urea and the results are summarized as follows: (1) Urea is quickly transformed in the soil. This was especially true for the podzols and the slightly degraded chernozem. Very little transformation was noted in a sandy soil and in a carbonate soil. (2) The N from urea is more rapidly transformed into nitrates than ammonium salts. Additions of chlorides or sulfates, especially the former, depress nitrification. (3) Inoculating the soil with urease or fertilizer depresses nitrification of urea. (4) The rapidity with which urea is transformed in the soil makes it one of the best N fertilizers, except on soils with an alk. reaction. J. S. JOVNA

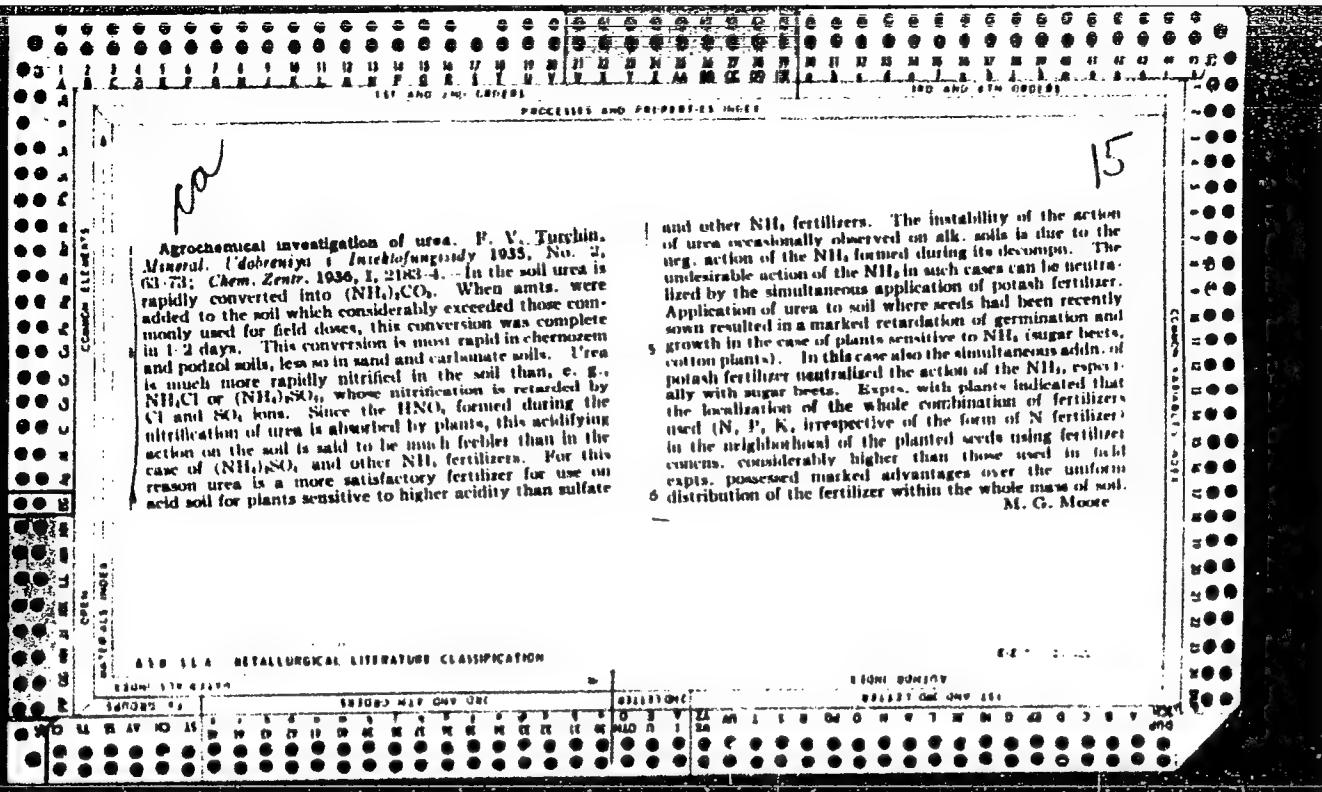
J. S. JOHN

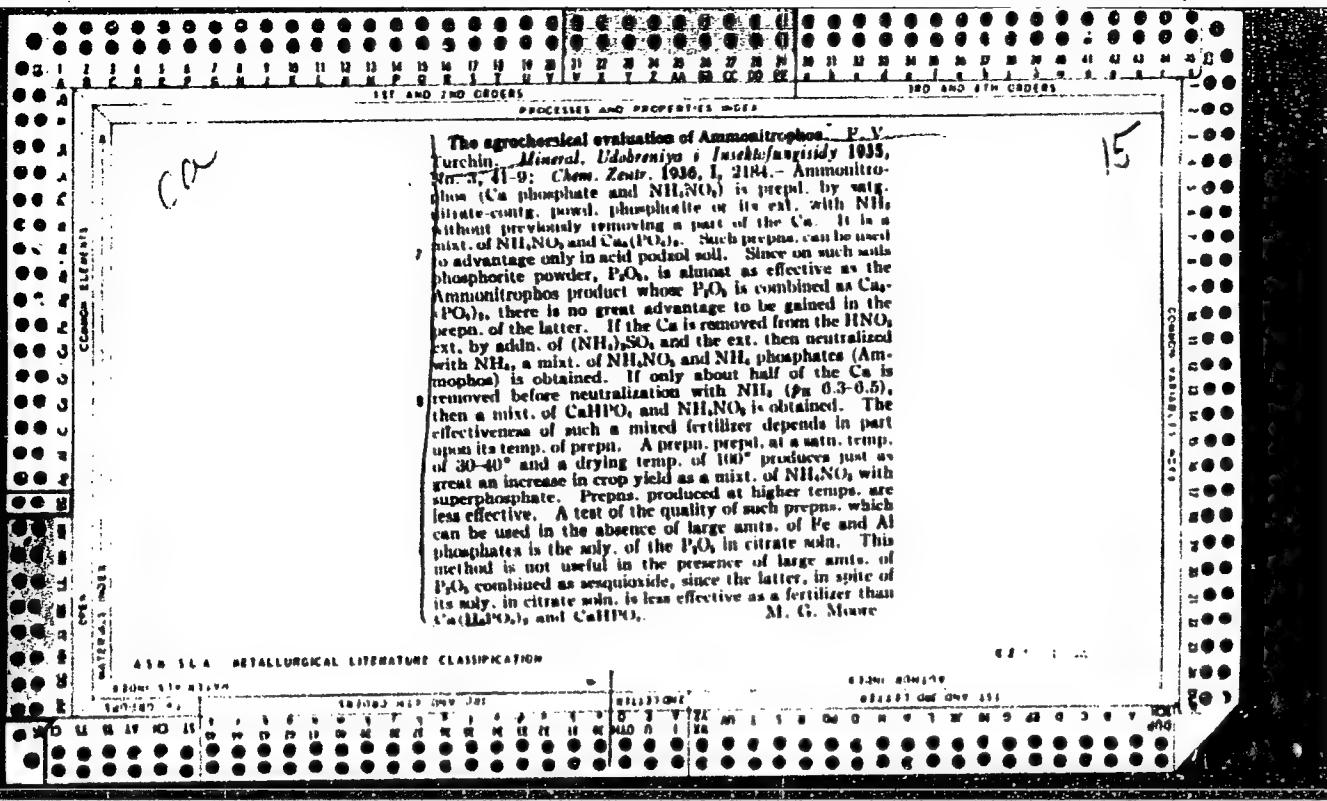












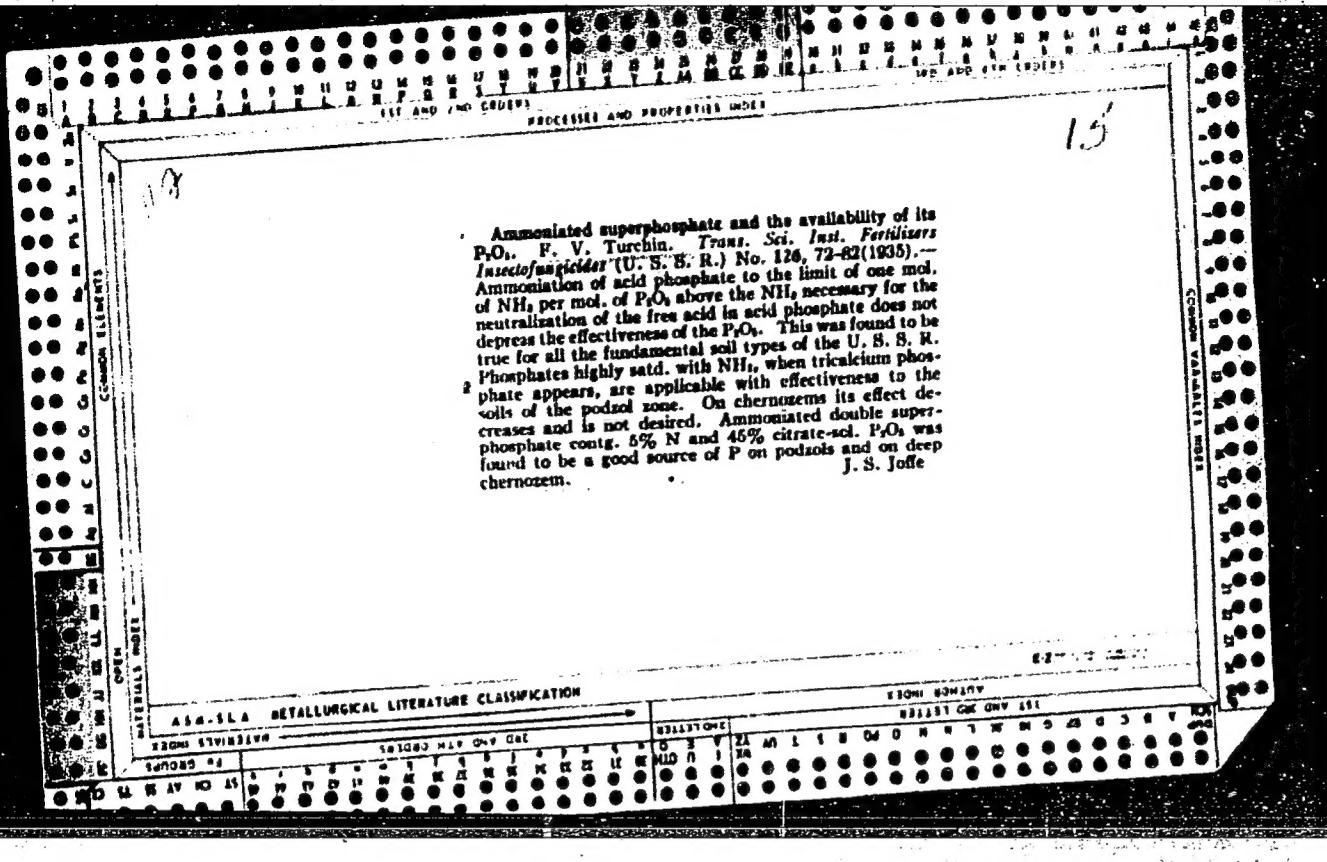
PROCESSES AND PROPERTIES OF POLY(URIDYLIC ACID)

The results of agrochemical investigations with Ammonitrophos. F. V. Turchin. *Trans. Sci. Inst. Putilovsk. Insektologicheskikh* (U. S. S. R.) No. 126, 65-68 (in German) 68-0 (1935).—Ammonitrophos is a product obtained by treating rock phosphate with HNO_3 and neutralizing with NH_3 . The ratio of N to P_2O_5 in the final product varies between 1:1/2 and 1:1. It consists of $Ca_3(PO_4)_2$ and NH_4NO_3 with admixtures of $Ca(NO_3)_2$. Some of these mixtures were treated with CO_2 giving also $CaCO_3$. On chernozem this preparation was far inferior to the acid phosphate, but on the podzolic soils the P_2O_5 was available to plants. The drying of these preparations at a temperature above 45° decreases the availability of the P_2O_5 .

J. S. Joffe

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(a)

11

Limestone ammonia fertilizers. J. A. Fincham, J.
Chem. Ind. (U. S. S. R.) 15, No. 9, 13-17 (1938). When
NH₄ fertilizers which have a slightly acid reaction are
mixed with CaCO₃ before use, they have better fertilizing
properties.
H. M. Leicester

AMERICAN METALLURGICAL LITERATURE CLASSIFICATION

SEARCHED

INDEXED

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Increasing the coefficient of activity of physiologically acid nitrogen fertilizers by liming. — A. I. Lushin and Yu. P. Chirkov. *Chemizdat, Naukova Dumka, Kiev*, No. 8, No. 8, 46-50 (1960). — Additions of CaCO_3 to physiologically acid N salts, like $(\text{NH}_4)_2\text{SO}_4$, NH_4Cl or NH_4NO_3 , increase the efficiency of these in acid soils. Large quantities of phosphate act in a manner similar to lime. On acid soils these salts decrease the coeff. of phosphate utilization by plants. When the physiologically produced acid is neutralized by CaCO_3 on podzol soils the phosphate content of the plants increases. — U.S. Joffe.

J. S. Jolley

ASA-SEA METALLURGICAL LITERATURE CLASSIFICATION

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